

## Certificate of Mailing

Date of Deposit July 21, 1999Label Number: EJ770212947US

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Sandra E. Marxen

Printed name of person mailing correspondence


 Signature of person mailing correspondence

Substitute Form PTO 1390 U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket Number:  
50015/013001

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. Application Number:  
[\*\*US SERIAL NUMBER\*\*]

INTERNATIONAL APPLICATION NUMBER	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/US98/01322	22 January 1998	22 January 1997

TITLE OF INVENTION: IN VIVO APOPTOSIS SCREENINGAPPLICANTS FOR DO/EO/US: Lee L. Rubin, Christine de Leon Gatchalian

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.	<input checked="" type="checkbox"/>	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2.	<input type="checkbox"/>	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3.	<input checked="" type="checkbox"/>	This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4.	<input checked="" type="checkbox"/>	A proper Demand for International Preliminary Examination was made by the 19 <sup>th</sup> month from the earliest claimed priority date.
5.	<input checked="" type="checkbox"/>	A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
a.	<input type="checkbox"/>	is transmitted herewith (required only if not transmitted by the International Bureau).
b.	<input type="checkbox"/>	has been transmitted by the International Bureau.
c.	<input checked="" type="checkbox"/>	is not required, as the application was filed with the United States Receiving Office (RO/US).
6.	<input type="checkbox"/>	A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7.	<input type="checkbox"/>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
a.	<input type="checkbox"/>	are transmitted herewith (required only if not transmitted by the International Bureau).
b.	<input type="checkbox"/>	have been transmitted by the International Bureau.
c.	<input type="checkbox"/>	have not been made; however, the time limit for making such amendments has NOT expired.
d.	<input type="checkbox"/>	have not been made and will not be made.
8.	<input type="checkbox"/>	A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.	<input type="checkbox"/>	An (unexecuted) oath or declaration of the inventors (35 U.S.C. 371(c)(4)).

09309/55004  
510 Rec'd PCT/PTO 21 JUL 1999

10.	A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).																	
11.	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.																	
12.	An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.																	
13.	A FIRST preliminary amendment.																	
	A SECOND or SUBSEQUENT preliminary amendment.																	
14.	A substitute specification.																	
15.	A change of power of attorney and/or address letter.																	
16.	X Other items or information: Postcard; Copy of published PCT application (WO 98/31787)																	
17.	<p>The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492(A)(1)-(5)):</p> <table> <tr> <td>Search Report has been prepared by the EPO or JPO</td> <td>\$ 930.00</td> <td></td> </tr> <tr> <td>International preliminary examination fee paid to USPTO (37 CFR 1.482)</td> <td>\$ 670.00</td> <td>\$670.00</td> </tr> <tr> <td>No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee (37 CFR 1.445(a)(2)) paid to USPTO</td> <td>\$ 790.00</td> <td></td> </tr> <tr> <td>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO</td> <td>\$ 1070.00</td> <td></td> </tr> <tr> <td>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)</td> <td>\$ 98.00</td> <td></td> </tr> </table>			Search Report has been prepared by the EPO or JPO	\$ 930.00		International preliminary examination fee paid to USPTO (37 CFR 1.482)	\$ 670.00	\$670.00	No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee (37 CFR 1.445(a)(2)) paid to USPTO	\$ 790.00		Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO	\$ 1070.00		International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)	\$ 98.00	
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International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)	\$ 98.00																	
ENTER APPROPRIATE BASIC FEE AMOUNT =			\$ 670.00															
Surcharge of \$130 for furnishing the oath or declaration later than <input type="checkbox"/> 20 OR <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).			\$															
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE															
Total claims	31 - 20 =	11	x \$22.00	\$ 242.00														
Independent claims	5 - 3 =	2	x \$82.00	\$ 164.00														
Multiple dependent claims (if applicable)			+ \$270.00	\$														
TOTAL OF ABOVE CALCULATIONS =			\$ 1,076.00															
Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed with this request (Note 37 CFR 1.9, 1.27, 1.28).			\$															
SUBTOTAL =			\$ 1,076.00															
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 OR <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			+ \$															
TOTAL NATIONAL FEE =			\$ 1,076.00															
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.			+ \$															
TOTAL FEES ENCLOSED =			\$ 1,076.00															

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510 Rec'd PCT/PTO 21 JUL 1999

		Amount to be refunded	\$
		charged	\$
a.	X	A check in the amount of \$ 1,076.00 to cover the above fees is enclosed.	
b.		Please charge my Deposit Account No. 03-2095 in the amount of \$ [**] to cover the above fees.	
c.	X	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 03-2095. A duplicate copy of this sheet is enclosed.	
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.			
SEND ALL CORRESPONDENCE TO:		<p><i>Susan M. Michaud</i> Signature Susan M. Michaud Paul T. Clark Reg. No. 42,885</p>	
<p><i>2</i> Paul T. Clark Clark &amp; Elbing LLP 176 Federal Street Boston, MA 02110-2214 Telephone: 617-428-0200 Facsimile: 617-428-7045</p>			

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Revised: 5 September 1997